

What is claimed is:

1. 1. A fabrication method of a liquid crystal display panel,  
2 comprising the steps of:
  - 3 forming a seal member on at least one of a pair of  
4 opposing transparent substrates such that said seal member  
5 surrounds a display area of said liquid crystal display  
6 panel;
  - 7 arranging first spacers on said display area on said  
8 substrate, said first spacer having an initial size in a  
9 cell gap direction larger than an appropriate cell gap  
10 necessary to perform an appropriate liquid crystal display;
  - 11 dropping liquid crystal onto an area surrounded by  
12 said seal member on one of said transparent substrates;
  - 13 forming a panel by sticking one of said transparent  
14 substrates on the other with said seal member in a vacuum  
15 chamber;
  - 16 putting said panel under atmospheric pressure to  
17 deform said first spacers through a deformation of said  
18 panel; and
  - 19 hardening said seal member after an inner volume of  
20 said panel becomes equal to a volume of said liquid crystal.

1. 2. A fabrication method of a liquid crystal display panel,  
2 as claimed in claim 1, wherein said first spacer is  
3 elastically deformable from an initial size thereof to a  
4 size corresponding to said appropriate cell gap.

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1 3. A fabrication method of a liquid crystal display panel,  
2 as claimed in claim 1, wherein said seal member contains  
3 second spacers mixed therein, said second spacer being  
4 formed of a material, which is hardly deformed when it is  
5 pinched between said transparent substrates under  
6 atmospheric pressure.

1 4. A fabrication method of a liquid crystal display panel,  
2 as claimed in claim 1, wherein said first spacer is  
3 deformed to the size corresponding to said appropriate cell  
4 gap.

1 5. A fabrication method of a liquid crystal display panel,  
2 as claimed in claim 1, wherein a relative value of an  
3 initial average size of said first spacers to said  
4 appropriate cell gap is within a range from a value larger  
5 than 102.9 % to a value smaller than 107.0 %.

1 6. A fabrication method of a liquid crystal display panel,  
2 as claimed in claim 5, wherein the relative value is (105 ±  
3 2) %.

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